

SEQUENCE LISTING

<110> INCYTE PHARMACEUTICALS, INC.
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 BAUGHN, Mariah R.
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 AZIMZAI, Yalda
 SHIH, Leo L.
 YANG, Junming
 LU, Dyung Aina M.

<120> HUMAN RNA-ASSOCIATED PROTEINS

<130> PF-0579 PCT

<140> To Be Assigned
 <141> Herewith

<150> 60/097,550; 60/115,639
 <151> 1998-08-21; 1999-01-12

<160> 50

<170> PERL Program

<210> 1
 <211> 216
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Identification No.: 399781CD1

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 Met Ser Arg Tyr Leu Arg Pro Pro Asn Thr Ser Leu Phe Val Arg
 1 5 10 15
 Asn Val Ala Asp Asp Thr Arg Ser Glu Asp Leu Arg Arg Glu Phe
 20 25 30
 Gly Arg Tyr Gly Pro Ile Val Asp Val Tyr Val Pro Leu Asp Phe
 35 40 45
 Tyr Thr Arg Arg Pro Arg Gly Phe Ala Tyr Val Gln Phe Glu Asp
 50 55 60
 Val Arg Asp Ala Glu Asp Ala Leu His Asn Leu Asp Arg Lys Trp
 65 70 75
 Ile Cys Gly Arg Gln Ile Glu Ile Gln Phe Ala Gln Gly Asp Arg
 80 85 90

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Lys Thr Pro Asn Gln Met Lys Ala Lys Glu Gly Arg Asn Val Tyr
      95                      100                      105
Ser Ser Ser Arg Tyr Asp Asp Tyr Asp Arg Tyr Arg Arg Ser Arg
      110                      115                      120
Ser Arg Ser Tyr Glu Arg Arg Arg Ser Arg Ser Arg Ser Phe Asp
      125                      130                      135
Tyr Asn Tyr Arg Arg Ser Tyr Ser Pro Arg Asn Ser Arg Pro Thr
      140                      145                      150
Gly Arg Pro Arg Arg Arg Glu Ala Ile Pro Thr Met Ile Asp Gln
      155                      160                      165
Thr Ala Ala Gly Ile Pro Ser Thr Val Leu Leu Thr Thr Leu Gln
      170                      175                      180
Glu Arg Ser Glu Ser Gly Lys Arg Thr Lys Glu Gly Gln Phe Lys
      185                      190                      195
Arg Pro Lys Gly Gly Trp Lys Val Leu Gln Tyr Glu Tyr Cys Thr
      200                      205                      210
Asn Ile Leu Thr Leu Val
      215

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<210> 2

<211> 962

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 1806542CD1

<400> 2

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Met Asp Glu Gln Ala Leu Leu Gly Leu Asn Pro Asn Ala Asp Ser
  1                      5                      10                      15
Asp Phe Arg Gln Arg Ala Leu Ala Tyr Phe Glu Gln Leu Lys Ile
      20                      25                      30
Ser Pro Asp Ala Trp Gln Val Cys Ala Glu Ala Leu Ala Gln Arg
      35                      40                      45
Thr Tyr Ser Asp Asp His Val Lys Phe Phe Cys Phe Gln Val Leu
      50                      55                      60
Glu His Gln Val Lys Tyr Lys Tyr Ser Glu Leu Thr Thr Val Gln
      65                      70                      75
Gln Gln Leu Ile Arg Glu Thr Leu Ile Ser Trp Leu Gln Ala Gln
      80                      85                      90
Met Leu Asn Pro Gln Pro Glu Lys Thr Phe Ile Arg Asn Lys Ala
      95                      100                      105
Ala Gln Val Phe Ala Leu Leu Phe Val Thr Glu Tyr Leu Thr Lys
      110                      115                      120
Trp Pro Lys Phe Phe Phe Asp Ile Leu Ser Val Val Asp Leu Asn
      125                      130                      135
Pro Arg Gly Val Asp Leu Tyr Leu Arg Ile Leu Met Ala Ile Asp
      140                      145                      150
Ser Glu Leu Val Asp Arg Asp Val Val His Thr Ser Glu Glu Ala
      155                      160                      165
Arg Arg Asn Thr Leu Ile Lys Asp Thr Met Arg Glu Gln Cys Ile
      170                      175                      180
Pro Asn Leu Val Glu Ser Trp Tyr Gln Ile Leu Gln Asn Tyr Gln
      185                      190                      195
Phe Thr Asn Ser Glu Val Thr Cys Gln Cys Leu Glu Val Val Gly

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200	205	210
Ala Tyr Val Ser Trp Ile Asp Leu Ser	Leu Ile Ala Asn Asp Arg	
215	220	225
Phe Ile Asn Met Leu Leu Gly His Met	Ser Ile Glu Val Leu Arg	
230	235	240
Glu Glu Ala Cys Asp Cys Leu Phe Glu	Val Val Asn Lys Gly Met	
245	250	255
Asp Pro Val Asp Lys Met Lys Leu Val	Glu Ser Leu Cys Gln Val	
260	265	270
Leu Gln Ser Ala Gly Phe Phe Ser Ile	Asp Gln Glu Glu Asp Val	
275	280	285
Asp Phe Leu Ala Arg Phe Ser Lys Leu	Val Asn Gly Met Gly Gln	
290	295	300
Ser Leu Ile Val Ser Trp Ser Lys Leu	Ile Lys Asn Gly Asp Ile	
305	310	315
Lys Asn Ala Gln Glu Ala Leu Gln Ala	Ile Glu Thr Lys Val Ala	
320	325	330
Leu Met Leu Gln Leu Leu Ile His Glu	Asp Asp Asp Ile Ser Ser	
335	340	345
Asn Ile Ile Gly Phe Cys Tyr Asp Tyr	Leu His Ile Leu Lys Gln	
350	355	360
Leu Thr Val Leu Ser Asp Gln Gln Lys	Ala Asn Val Glu Ala Ile	
365	370	375
Met Leu Ala Val Met Lys Lys Leu Thr	Tyr Asp Glu Glu Tyr Asn	
380	385	390
Phe Glu Asn Glu Gly Glu Asp Glu Ala	Met Phe Val Glu Tyr Arg	
395	400	405
Lys Gln Leu Lys Leu Leu Leu Asp Arg	Leu Ala Gln Val Ser Pro	
410	415	420
Glu Leu Leu Leu Ala Ser Val Arg Arg	Val Phe Ser Ser Thr Leu	
425	430	435
Gln Asn Trp Gln Thr Thr Arg Phe Met	Glu Val Glu Val Ala Ile	
440	445	450
Arg Leu Leu Tyr Met Leu Ala Glu Ala	Leu Pro Val Ser His Gly	
455	460	465
Ala His Phe Ser Gly Asp Val Ser Lys	Ala Ser Ala Leu Gln Asp	
470	475	480
Met Met Arg Thr Leu Val Thr Ser Gly	Val Ser Ser Tyr Gln His	
485	490	495
Thr Ser Val Thr Leu Glu Phe Phe Glu	Thr Val Val Arg Tyr Glu	
500	505	510
Lys Phe Phe Thr Val Glu Pro Gln His	Ile Pro Cys Val Leu Met	
515	520	525
Ala Phe Leu Asp His Arg Gly Leu Arg	His Ser Ser Ala Lys Val	
530	535	540
Arg Ser Arg Thr Ala Tyr Leu Phe Ser	Arg Phe Val Lys Ser Leu	
545	550	555
Asn Lys Gln Met Asn Pro Phe Ile Glu	Asp Ile Leu Asn Arg Ile	
560	565	570
Gln Asp Leu Leu Glu Leu Ser Pro Pro	Glu Asn Gly His Gln Ser	
575	580	585
Leu Leu Ser Ser Asp Asp Gln Leu Phe	Ile Tyr Glu Thr Ala Gly	
590	595	600
Val Leu Ile Val Asn Ser Glu Tyr Pro	Ala Glu Arg Lys Gln Ala	
605	610	615
Leu Met Arg Asn Leu Leu Thr Pro Leu	Met Glu Lys Phe Lys Ile	
620	625	630

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Leu	Leu	Glu	Lys	Leu	Met	Leu	Ala	Gln	Asp	Glu	Glu	Arg	Gln	Ala
				635					640					645
Ser	Leu	Ala	Asp	Cys	Leu	Asn	His	Ala	Val	Gly	Phe	Ala	Ser	Arg
				650					655					660
Thr	Ser	Lys	Ala	Phe	Ser	Asn	Lys	Gln	Thr	Val	Lys	Gln	Cys	Gly
				665					670					675
Cys	Ser	Glu	Val	Tyr	Leu	Asp	Cys	Leu	Gln	Thr	Phe	Leu	Pro	Ala
				680					685					690
Leu	Ser	Cys	Pro	Leu	Gln	Lys	Asp	Ile	Leu	Arg	Ser	Gly	Val	Arg
				695					700					705
Thr	Phe	Leu	His	Arg	Met	Ile	Ile	Cys	Leu	Glu	Glu	Glu	Val	Leu
				710					715					720
Pro	Phe	Ile	Pro	Ser	Ala	Ser	Glu	His	Met	Leu	Lys	Asp	Cys	Glu
				725					730					735
Ala	Lys	Asp	Leu	Gln	Glu	Phe	Ile	Pro	Leu	Ile	Asn	Gln	Ile	Thr
				740					745					750
Ala	Lys	Phe	Lys	Ile	Gln	Val	Ser	Pro	Phe	Leu	Gln	Gln	Met	Phe
				755					760					765
Met	Pro	Leu	Leu	His	Ala	Ile	Phe	Glu	Val	Leu	Leu	Arg	Pro	Ala
				770					775					780
Glu	Glu	Asn	Asp	Gln	Ser	Ala	Ala	Leu	Glu	Lys	Gln	Met	Leu	Arg
				785					790					795
Arg	Ser	Tyr	Phe	Ala	Phe	Leu	Gln	Thr	Val	Thr	Gly	Ser	Gly	Met
				800					805					810
Ser	Glu	Val	Ile	Ala	Asn	Gln	Gly	Ala	Glu	Asn	Val	Glu	Arg	Val
				815					820					825
Leu	Val	Thr	Val	Ile	Gln	Gly	Ala	Val	Glu	Tyr	Pro	Asp	Pro	Ile
				830					835					840
Ala	Gln	Lys	Thr	Cys	Phe	Ile	Ile	Leu	Ser	Lys	Leu	Val	Glu	Leu
				845					850					855
Trp	Gly	Gly	Lys	Asp	Gly	Pro	Val	Gly	Phe	Ala	Asp	Phe	Val	Tyr
				860					865					870
Lys	His	Ile	Val	Pro	Ala	Cys	Phe	Leu	Ala	Pro	Leu	Lys	Gln	Thr
				875					880					885
Phe	Asp	Leu	Ala	Asp	Ala	Gln	Thr	Val	Leu	Ala	Leu	Ser	Glu	Cys
				890					895					900
Ala	Val	Thr	Leu	Lys	Thr	Ile	His	Leu	Lys	Arg	Gly	Pro	Glu	Cys
				905					910					915
Val	Gln	Tyr	Leu	Gln	Gln	Glu	Tyr	Leu	Pro	Ser	Leu	Gln	Val	Ala
				920					925					930
Pro	Glu	Ile	Ile	Gln	Glu	Phe	Cys	Gln	Ala	Leu	Gln	Gln	Pro	Asp
				935					940					945
Ala	Lys	Val	Phe	Lys	Asn	Tyr	Leu	Lys	Val	Phe	Phe	Gln	Arg	Ala
				950					955					960
Lys	Pro													

<210> 3

<211> 285

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 2263514CD1

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<400> 3
Met Asp Trp Val Met Lys His Asn Gly Pro Asn Asp Ala Ser Asp
 1          5          10          15
Gly Thr Val Arg Leu Arg Gly Leu Pro Phe Gly Cys Ser Lys Glu
          20          25          30
Glu Ile Val Arg Val Leu Ser Arg Tyr Ile Glu Ile Phe Arg Ser
          35          40          45
Ser Arg Ser Glu Ile Lys Gly Phe Tyr Asp Pro Pro Arg Arg Leu
          50          55          60
Leu Gly Gln Arg Pro Gly Pro Tyr Asp Arg Pro Ile Gly Gly Arg
          65          70          75
Gly Gly Tyr Tyr Gly Ala Gly Arg Gly Ser Tyr Gly Gly Phe Asp
          80          85          90
Asp Tyr Gly Gly Tyr Asn Asn Tyr Gly Tyr Gly Asn Asp Gly Phe
          95          100          105
Asp Asp Arg Met Arg Asp Gly Arg Gly Met Gly Gly His Gly Tyr
          110          115          120
Gly Gly Ala Gly Asp Ala Ser Ser Gly Phe His Gly Gly His Phe
          125          130          135
Val His Met Arg Gly Leu Pro Phe Arg Ala Thr Glu Asn Ala Ile
          140          145          150
Ala Asn Phe Phe Ser Pro Leu Asn Pro Ile Arg Val His Ile Asp
          155          160          165
Ile Gly Ala Asp Gly Arg Ala Thr Gly Glu Ala Asp Val Glu Phe
          170          175          180
Val Thr His Glu Asp Ala Val Ala Ala Met Ser Lys Asp Lys Asn
          185          190          195
Asn Met Gln His Arg Tyr Ile Glu Leu Phe Leu Asn Ser Thr Pro
          200          205          210
Gly Gly Gly Ser Gly Met Gly Gly Ser Gly Met Gly Gly Tyr Gly
          215          220          225
Arg Asp Gly Met Asp Asn Gln Gly Gly Tyr Gly Ser Val Gly Arg
          230          235          240
Met Gly Met Gly Asn Asn Tyr Ser Gly Gly Tyr Gly Thr Pro Asp
          245          250          255
Gly Leu Gly Gly Tyr Gly Arg Gly Gly Gly Gly Ser Gly Gly Tyr
          260          265          270
Tyr Gly Gln Gly Gly Met Ser Gly Gly Gly Trp Arg Gly Met Tyr
          275          280          285

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<210> 4

<211> 267

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 2738270CD1

<400> 4

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Met Gly Ala Ala Ala Ala Glu Ala Asp Arg Thr Leu Phe Val Gly
 1          5          10          15
Asn Leu Glu Thr Lys Val Thr Glu Glu Leu Leu Phe Glu Leu Phe
          20          25          30
His Gln Ala Gly Pro Val Ile Lys Val Lys Ile Pro Lys Asp Lys
          35          40          45

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Asp Gly Lys Pro Lys Gln Phe Ala Phe Val Asn Phe Lys His Glu
      50                      55                      60
Val Ser Val Pro Tyr Ala Met Asn Leu Leu Asn Gly Ile Lys Leu
      65                      70                      75
Tyr Gly Arg Pro Ile Lys Ile Gln Phe Arg Ser Gly Ser Ser His
      80                      85                      90
Ala Pro Gln Asp Val Ser Leu Ser Tyr Pro Gln His His Val Gly
      95                      100                     105
Asn Ser Ser Pro Thr Ser Thr Ser Pro Ser Ser Arg Tyr Glu Arg
      110                     115                     120
Thr Met Asp Asn Met Thr Ser Ser Ala Gln Ile Ile Gln Arg Ser
      125                     130                     135
Phe Ser Ser Pro Glu Asn Phe Gln Arg Gln Ala Val Met Asn Ser
      140                     145                     150
Ala Leu Arg Gln Met Ser Tyr Gly Gly Lys Phe Gly Ser Ser Pro
      155                     160                     165
Leu Asp Gln Ser Gly Phe Ser Pro Ser Val Gln Ser His Ser His
      170                     175                     180
Ser Phe Asn Gln Ser Ser Ser Ser Gln Trp Arg Gln Gly Thr Pro
      185                     190                     195
Ser Ser Gln Arg Lys Val Arg Met Asn Ser Tyr Pro Tyr Leu Ala
      200                     205                     210
Asp Arg His Tyr Ser Arg Glu Gln Arg Tyr Thr Asp His Gly Ser
      215                     220                     225
Asp His His Tyr Arg Gly Lys Arg Asp Asp Phe Phe Tyr Glu Asp
      230                     235                     240
Arg Asn His Asp Asp Trp Ser His Asp Tyr Asp Asn Arg Arg Asp
      245                     250                     255
Ser Ser Arg Asp Gly Lys Trp Arg Ser Ser Arg His
      260                     265

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<210> 5

<211> 369

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 2824412CD1

<400> 5

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Met Pro Pro Gln Pro Gln Gly Pro Ala Pro Leu Arg Arg Pro Asp
  1                      5                      10                      15
Ser Ser Asp Asp Arg Tyr Val Met Thr Lys His Ala Thr Ile Tyr
      20                      25                      30
Pro Thr Glu Glu Glu Leu Gln Ala Val Gln Lys Ile Val Ser Ile
      35                      40                      45
Thr Glu Arg Ala Leu Lys Leu Val Ser Asp Ser Leu Ser Glu His
      50                      55                      60
Glu Lys Asn Lys Asn Lys Glu Gly Asp Asp Lys Lys Glu Gly Gly
      65                      70                      75
Lys Asp Arg Ala Leu Lys Gly Val Leu Arg Val Gly Val Leu Ala
      80                      85                      90
Lys Gly Leu Leu Leu Arg Gly Asp Arg Asn Val Asn Leu Val Leu

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95	100	105
Leu Cys Ser Glu Lys Pro Ser Lys Thr	Leu Leu Ser Arg Ile Ala	
110	115	120
Glu Asn Leu Pro Lys Gln Leu Ala Val	Ile Ser Pro Glu Lys Tyr	
125	130	135
Asp Ile Lys Cys Ala Val Ser Glu Ala	Ala Ile Ile Leu Asn Ser	
140	145	150
Cys Val Glu Pro Lys Met Gln Val Thr	Ile Thr Leu Thr Ser Pro	
155	160	165
Ile Ile Arg Glu Glu Asn Met Arg Glu	Gly Asp Val Thr Ser Gly	
170	175	180
Met Val Lys Asp Pro Pro Asp Val Leu	Asp Arg Gln Lys Cys Leu	
185	190	195
Asp Ala Leu Ala Ala Leu Arg His Ala	Lys Trp Phe Gln Ala Arg	
200	205	210
Ala Asn Gly Leu Gln Ser Cys Val Ile	Ile Ile Arg Ile Leu Arg	
215	220	225
Asp Leu Cys Gln Arg Val Pro Thr Trp	Ser Asp Phe Pro Ser Trp	
230	235	240
Ala Met Glu Leu Leu Val Glu Lys Ala	Ile Ser Ser Ala Ser Ser	
245	250	255
Pro Gln Ser Pro Gly Asp Ala Leu Arg	Arg Val Phe Glu Cys Ile	
260	265	270
Ser Ser Gly Ile Ile Leu Lys Gly Ser	Pro Gly Leu Leu Asp Pro	
275	280	285
Cys Glu Lys Asp Pro Phe Asp Thr Leu	Ala Thr Met Thr Asp Gln	
290	295	300
Gln Arg Glu Asp Ile Thr Ser Ser Ala	Gln Phe Ala Leu Arg Leu	
305	310	315
Leu Ala Phe Arg Gln Ile His Lys Val	Leu Gly Met Asp Pro Leu	
320	325	330
Pro Gln Met Ser Gln Arg Phe Asn Ile	His Asn Asn Arg Lys Arg	
335	340	345
Arg Arg Asp Ser Asp Gly Val Asp Gly	Phe Glu Ala Glu Gly Lys	
350	355	360
Lys Asp Lys Lys Asp Tyr Asp Asn Phe		
365		

<210> 6

<211> 175

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 002690CD1

<400> 6

Met Arg Leu Ser Val Ala Ala Ala Ile Ser His Gly Arg Val Phe	
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Arg Arg Met Gly Leu Gly Pro Glu Ser Arg Ile His Leu Leu Arg	
20	25 30
Asn Leu Leu Thr Gly Leu Val Arg His Glu Arg Ile Glu Ala Pro	
35	40 45

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	185		190		195
Pro Thr Gly Asp	Pro Gln Tyr Leu Thr	Glu Leu Ala His Tyr Arg			
	200		205		210
Arg Trp Gly Asp	Ser Val Leu Leu Val	Asp Leu Thr His Glu Glu			
	215		220		225
Met Pro Gln Ser	Ile Val Glu Ala Thr	Ser Arg Leu Lys Thr Phe			
	230		235		240
Asn Leu Ile Pro	Ala Val Gly Leu Asn	Val His Ser Met Leu Lys			
	245		250		255
His Gln Thr Leu	Val Leu Thr Leu Pro	Thr Val Ala Phe Leu Glu			
	260		265		270
Asp Lys Leu Leu	Trp Gln Asp Ser Arg	Tyr Arg Pro Leu Tyr Pro			
	275		280		285
Phe Ser Leu Pro	Tyr Ser Asp Phe Pro	Arg Pro Leu Pro His Ala			
	290		295		300
Thr Gln Gly Pro	Ala Ala Thr Pro Tyr	His Cys			
	305		310		

<210> 8

<211> 330

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 869138CD1

<400> 8

Met Ser Thr Lys	Asn Phe Arg Val Ser	Asp Gly Asp Trp Ile Cys
1	5	10 15
Pro Asp Lys Lys	Cys Gly Asn Val Asn	Phe Ala Arg Arg Thr Ser
	20	25 30
Cys Asn Arg Cys	Gly Arg Glu Lys Thr	Thr Glu Ala Lys Met Met
	35	40 45
Lys Ala Gly Gly	Thr Glu Ile Gly Lys	Thr Leu Ala Glu Lys Ser
	50	55 60
Arg Gly Leu Phe	Ser Ala Asn Asp Trp	Gln Cys Lys Thr Cys Ser
	65	70 75
Asn Val Asn Trp	Ala Arg Arg Ser Glu	Cys Asn Met Cys Asn Thr
	80	85 90
Pro Lys Tyr Ala	Lys Leu Glu Glu Arg	Thr Gly Tyr Gly Gly Gly
	95	100 105
Phe Asn Glu Arg	Glu Asn Val Glu Tyr	Ile Glu Arg Glu Glu Ser
	110	115 120
Asp Gly Glu Tyr	Asp Glu Phe Gly Arg	Lys Lys Lys Lys Tyr Arg
	125	130 135
Gly Lys Ala Val	Gly Pro Ala Ser Ile	Leu Lys Glu Val Glu Asp
	140	145 150
Lys Glu Ser Glu	Gly Glu Glu Glu Asp	Glu Asp Glu Asp Leu Ser
	155	160 165
Lys Tyr Lys Leu	Asp Glu Asp Glu Asp	Glu Asp Asp Ala Asp Leu
	170	175 180
Ser Lys Tyr Asn	Leu Asp Ala Ser Glu	Glu Glu Asp Ser Asn Lys
	185	190 195

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Lys	Lys	Ser	Asn	Arg	Arg	Ser	Arg	Ser	Lys	Ser	Arg	Ser	Ser	His
				200					205					210
Ser	Arg	Ser	Ser	Ser	Arg	Ser	Ser	Ser	Pro	Ser	Ser	Ser	Arg	Ser
				215					220					225
Arg	Ser	Arg	Ser	Arg	Ser	Arg	Ser	Ser	Ser	Ser	Ser	Gln	Ser	Arg
				230					235					240
Ser	Arg	Ser	Ser	Ser	Arg	Glu	Arg	Ser	Arg	Ser	Arg	Gly	Ser	Lys
				245					250					255
Ser	Arg	Ser	Ser	Ser	Arg	Ser	His	Arg	Gly	Ser	Ser	Ser	Pro	Arg
				260					265					270
Lys	Arg	Ser	Tyr	Ser	Ser	Ser	Ser	Ser	Ser	Pro	Glu	Arg	Asn	Arg
				275					280					285
Lys	Arg	Ser	Arg	Ser	Arg	Ser	Ser	Ser	Ser	Gly	Asp	Arg	Lys	Lys
				290					295					300
Arg	Arg	Thr	Arg	Ser	Arg	Ser	Pro	Glu	Arg	Arg	His	Arg	Ser	Ser
				305					310					315
Ser	Gly	Ser	Ser	His	Ser	Gly	Ser	Arg	Ser	Ser	Ser	Lys	Lys	Lys
				320					325					330

<210> 9
 <211> 183
 <212> PRT
 <213> Homo sapiens

 <220>
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 <223> Incyte Identification No.: 934406CD1

<400> 9
 Met Ser Arg Tyr Leu Arg Pro Pro Asn Thr Ser Leu Phe Val Arg
 1 5 10 15
 Asn Val Ala Asp Asp Thr Arg Ser Glu Asp Leu Arg Arg Glu Phe
 20 25 30
 Gly Arg Tyr Gly Pro Ile Val Asp Val Tyr Val Pro Leu Asp Phe
 35 40 45
 Tyr Thr Arg Arg Pro Arg Gly Phe Ala Tyr Val Gln Phe Glu Asp
 50 55 60
 Val Arg Asp Ala Glu Asp Ala Leu His Asn Leu Asp Arg Lys Trp
 65 70 75
 Ile Cys Gly Arg Gln Ile Glu Ile Gln Phe Ala Gln Gly Asp Arg
 80 85 90
 Lys Thr Pro Asn Gln Met Lys Ala Lys Glu Gly Arg Asn Val Tyr
 95 100 105
 Ser Ser Ser Arg Tyr Asp Asp Tyr Asp Arg Tyr Arg Arg Ser Arg
 110 115 120
 Ser Arg Ser Tyr Glu Arg Arg Arg Ser Arg Ser Arg Ser Phe Asp
 125 130 135
 Tyr Asn Tyr Arg Arg Ser Tyr Ser Pro Arg Asn Ser Arg Pro Thr
 140 145 150
 Gly Arg Pro Arg Arg Ser Arg Ser His Ser Asp Asn Asp Arg Pro
 155 160 165
 Asn Cys Ser Trp Asn Thr Gln Tyr Ser Ser Ala Tyr Tyr Thr Ser
 170 175 180
 Arg Lys Ile

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<210> 10
 <211> 670
 <212> PRT
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <223> Incyte Identification No.: 1315083CD1

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 Met Ser His Leu Pro Met Lys Leu Leu Arg Lys Lys Ile Glu Lys
 1 5 10 15
 Arg Asn Leu Lys Leu Arg Gln Arg Asn Leu Lys Phe Gln Gly Ala
 20 25 30
 Ser Asn Leu Thr Leu Ser Glu Thr Gln Asn Gly Asp Val Ser Glu
 35 40 45
 Glu Thr Met Gly Ser Arg Lys Val Lys Lys Ser Lys Gln Lys Pro
 50 55 60
 Met Asn Val Gly Leu Ser Glu Thr Gln Asn Gly Gly Met Ser Gln
 65 70 75
 Glu Ala Val Gly Asn Ile Lys Val Thr Lys Ser Pro Gln Lys Ser
 80 85 90
 Thr Val Leu Thr Asn Gly Glu Ala Ala Met Gln Ser Ser Asn Ser
 95 100 105
 Glu Ser Lys Lys Lys Lys Lys Lys Lys Arg Lys Met Val Asn Asp
 110 115 120
 Ala Glu Pro Asp Thr Lys Lys Ala Lys Thr Glu Asn Lys Gly Lys
 125 130 135
 Ser Glu Glu Glu Ser Ala Glu Thr Thr Lys Glu Thr Glu Asn Asn
 140 145 150
 Val Glu Lys Pro Asp Asn Asp Glu Asp Glu Ser Glu Val Pro Ser
 155 160 165
 Leu Pro Leu Gly Leu Thr Gly Ala Phe Glu Asp Thr Ser Phe Ala
 170 175 180
 Ser Leu Cys Asn Leu Val Asn Glu Asn Thr Leu Lys Ala Ile Lys
 185 190 195
 Glu Met Gly Phe Thr Asn Met Thr Glu Ile Gln His Lys Ser Ile
 200 205 210
 Arg Pro Leu Leu Glu Gly Arg Asp Leu Leu Ala Ala Ala Lys Thr
 215 220 225
 Gly Ser Gly Lys Thr Leu Ala Phe Leu Ile Pro Ala Val Glu Leu
 230 235 240
 Ile Val Lys Leu Arg Phe Met Pro Arg Asn Gly Thr Gly Val Leu
 245 250 255
 Ile Leu Ser Pro Thr Arg Glu Leu Ala Met Gln Thr Phe Gly Val
 260 265 270
 Leu Lys Glu Leu Met Thr His His Val His Thr Tyr Gly Leu Ile
 275 280 285
 Met Gly Gly Ser Asn Arg Ser Ala Glu Ala Gln Lys Leu Gly Asn
 290 295 300
 Gly Ile Asn Ile Ile Val Ala Thr Pro Gly Arg Leu Leu Asp His
 305 310 315
 Met Gln Asn Thr Pro Gly Phe Met Tyr Lys Asn Leu Gln Cys Leu
 320 325 330

Val	Ile	Asp	Glu	Ala	Asp	Arg	Ile	Leu	Asp	Val	Gly	Phe	Glu	Glu
				335					340					345
Glu	Leu	Lys	Gln	Ile	Ile	Lys	Leu	Leu	Pro	Thr	Arg	Arg	Gln	Thr
				350					355					360
Met	Leu	Phe	Ser	Ala	Thr	Gln	Thr	Arg	Lys	Val	Glu	Asp	Leu	Ala
				365					370					375
Arg	Ile	Ser	Leu	Lys	Lys	Glu	Pro	Leu	Tyr	Val	Gly	Val	Asp	Asp
				380					385					390
Asp	Lys	Ala	Asn	Ala	Thr	Val	Asp	Gly	Leu	Glu	Gln	Gly	Tyr	Val
				395					400					405
Val	Cys	Pro	Ser	Glu	Lys	Arg	Phe	Leu	Leu	Leu	Phe	Thr	Phe	Leu
				410					415					420
Lys	Lys	Asn	Arg	Lys	Lys	Lys	Leu	Met	Val	Phe	Phe	Ser	Ser	Cys
				425					430					435
Met	Ser	Val	Lys	Tyr	His	Tyr	Glu	Leu	Leu	Asn	Tyr	Ile	Asp	Leu
				440					445					450
Pro	Val	Leu	Ala	Ile	His	Gly	Lys	Gln	Lys	Gln	Asn	Lys	Arg	Thr
				455					460					465
Thr	Thr	Phe	Phe	Gln	Phe	Cys	Asn	Ala	Asp	Ser	Gly	Thr	Leu	Leu
				470					475					480
Cys	Thr	Asp	Val	Ala	Ala	Arg	Gly	Leu	Asp	Ile	Pro	Glu	Val	Asp
				485					490					495
Trp	Ile	Val	Gln	Tyr	Asp	Pro	Pro	Asp	Asp	Pro	Lys	Glu	Tyr	Ile
				500					505					510
His	Arg	Val	Gly	Arg	Thr	Ala	Arg	Gly	Leu	Asn	Gly	Arg	Gly	His
				515					520					525
Ala	Leu	Leu	Ile	Leu	Arg	Pro	Glu	Glu	Leu	Gly	Phe	Leu	Arg	Tyr
				530					535					540
Leu	Lys	Gln	Ser	Lys	Val	Pro	Leu	Ser	Glu	Phe	Asp	Phe	Ser	Trp
				545					550					555
Ser	Lys	Ile	Ser	Asp	Ile	Gln	Ser	Gln	Leu	Glu	Lys	Leu	Ile	Glu
				560					565					570
Lys	Asn	Tyr	Phe	Leu	His	Lys	Ser	Ala	Gln	Glu	Ala	Tyr	Lys	Ser
				575					580					585
Tyr	Ile	Arg	Ala	Tyr	Asp	Ser	His	Ser	Leu	Lys	Gln	Ile	Phe	Asn
				590					595					600
Val	Asn	Asn	Leu	Asn	Leu	Pro	Gln	Val	Ala	Leu	Ser	Phe	Gly	Phe
				605					610					615
Lys	Val	Pro	Pro	Phe	Val	Asp	Leu	Asn	Val	Asn	Ser	Asn	Glu	Gly
				620					625					630
Lys	Gln	Lys	Lys	Arg	Gly	Gly	Gly	Gly	Gly	Phe	Gly	Tyr	Gln	Lys
				635					640					645
Thr	Lys	Lys	Val	Glu	Lys	Ser	Lys	Ile	Phe	Lys	His	Ile	Ser	Lys
				650					655					660
Lys	Ser	Ser	Asp	Ser	Arg	Gln	Phe	Ser	His					
				665					670					

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<210> 11
<211> 452
<212> PRT
<213> Homo sapiens
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<220>
<221> misc feature
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<223> Incyte Identification No.: 1444908CD1

<400> 11

Met	Glu	Phe	Gln	Ala	Val	Val	Met	Ala	Val	Gly	Gly	Gly	Ser	Arg
1				5					10					15
Met	Thr	Asp	Leu	Thr	Ser	Ser	Ile	Pro	Lys	Pro	Leu	Leu	Pro	Val
				20					25					30
Gly	Asn	Lys	Pro	Leu	Ile	Trp	Tyr	Pro	Leu	Asn	Leu	Leu	Glu	Arg
				35					40					45
Val	Gly	Phe	Glu	Glu	Val	Ile	Val	Val	Thr	Thr	Arg	Asp	Val	Gln
				50					55					60
Lys	Ala	Leu	Cys	Ala	Glu	Phe	Lys	Met	Lys	Met	Lys	Pro	Asp	Ile
				65					70					75
Val	Cys	Ile	Pro	Asp	Asp	Ala	Asp	Met	Gly	Thr	Ala	Asp	Ser	Leu
				80					85					90
Arg	Tyr	Ile	Tyr	Pro	Lys	Leu	Lys	Thr	Asp	Val	Leu	Val	Leu	Ser
				95					100					105
Cys	Asp	Leu	Ile	Thr	Asp	Val	Ala	Leu	His	Glu	Val	Val	Asp	Leu
				110					115					120
Phe	Arg	Ala	Tyr	Asp	Ala	Ser	Leu	Ala	Met	Leu	Met	Arg	Lys	Gly
				125					130					135
Gln	Asp	Ser	Ile	Glu	Pro	Val	Pro	Gly	Gln	Lys	Gly	Lys	Lys	Lys
				140					145					150
Ala	Val	Glu	Gln	Arg	Asp	Phe	Ile	Gly	Val	Asp	Ser	Thr	Gly	Lys
				155					160					165
Arg	Leu	Leu	Phe	Met	Ala	Asn	Glu	Ala	Asp	Leu	Asp	Glu	Glu	Leu
				170					175					180
Val	Ile	Lys	Gly	Ser	Ile	Leu	Gln	Lys	His	Pro	Arg	Ile	Arg	Phe
				185					190					195
His	Thr	Gly	Leu	Val	Asp	Ala	His	Leu	Tyr	Cys	Leu	Lys	Lys	Tyr
				200					205					210
Ile	Val	Asp	Phe	Leu	Met	Glu	Asn	Gly	Ser	Ile	Thr	Ser	Ile	Arg
				215					220					225
Ser	Glu	Leu	Ile	Pro	Tyr	Leu	Val	Arg	Lys	Gln	Phe	Ser	Ser	Ala
				230					235					240
Ser	Ser	Gln	Gln	Gly	Gln	Glu	Glu	Lys	Glu	Glu	Asp	Leu	Lys	Lys
				245					250					255
Lys	Glu	Leu	Lys	Ser	Leu	Asp	Ile	Tyr	Ser	Phe	Ile	Lys	Glu	Ala
				260					265					270
Asn	Thr	Leu	Asn	Leu	Ala	Pro	Tyr	Asp	Ala	Cys	Trp	Asn	Ala	Cys
				275					280					285
Arg	Gly	Asp	Arg	Trp	Glu	Asp	Leu	Ser	Arg	Ser	Gln	Val	Arg	Cys
				290					295					300
Tyr	Val	His	Ile	Met	Lys	Glu	Gly	Leu	Cys	Ser	Arg	Val	Ser	Thr
				305					310					315
Leu	Gly	Leu	Tyr	Met	Glu	Ala	Asn	Arg	Gln	Val	Pro	Lys	Leu	Leu
				320					325					330
Ser	Ala	Leu	Cys	Pro	Glu	Glu	Pro	Pro	Val	His	Ser	Ser	Ala	Gln
				335					340					345
Ile	Val	Ser	Lys	His	Leu	Val	Gly	Val	Asp	Ser	Leu	Ile	Gly	Pro
				350					355					360
Glu	Thr	Gln	Ile	Gly	Glu	Lys	Ser	Ser	Ile	Lys	Arg	Ser	Val	Ile
				365					370					375
Gly	Ser	Ser	Cys	Leu	Ile	Lys	Asp	Arg	Val	Thr	Ile	Thr	Asn	Cys
				380					385					390
Leu	Leu	Met	Asn	Ser	Val	Thr	Val	Glu	Glu	Gly	Ser	Asn	Ile	Gln
				395					400					405

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Gly Ser Val Ile Cys Asn Asn Ala Val Ile Glu Lys Gly Ala Asp		
	410	415 420
Ile Lys Asp Cys Leu Ile Gly Ser Gly Gln Arg Ile Glu Ala Lys		
	425	430 435
Ala Lys Arg Val Asn Glu Val Ile Val Gly Asn Asp Gln Leu Met		
	440	445 450
Glu Ile		

<210> 12

<211> 748

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 1557481CD1

<400> 12

Met Ala Asp Ser Ser Gly Gln Gln Gly Lys Gly Arg Arg Val Gln		
1 5 10 15		
Pro Gln Trp Ser Pro Pro Ala Gly Thr Gln Pro Cys Arg Leu His		
20 25 30		
Leu Tyr Asn Ser Leu Thr Arg Asn Lys Glu Val Phe Ile Pro Gln		
35 40 45		
Asp Gly Lys Lys Val Thr Trp Tyr Cys Cys Gly Pro Thr Val Tyr		
50 55 60		
Asp Ala Ser His Met Gly His Ala Arg Ser Tyr Ile Ser Phe Asp		
65 70 75		
Ile Leu Arg Arg Val Leu Lys Asp Tyr Phe Lys Phe Asp Val Phe		
80 85 90		
Tyr Cys Met Asn Ile Thr Asp Ile Asp Asp Lys Ile Ile Lys Arg		
95 100 105		
Ala Arg Gln Asn His Leu Phe Glu Gln Tyr Arg Glu Lys Arg Pro		
110 115 120		
Glu Ala Ala Gln Leu Leu Glu Asp Val Gln Ala Ala Leu Lys Pro		
125 130 135		
Phe Ser Val Lys Leu Asn Glu Thr Thr Asp Pro Asp Lys Lys Gln		
140 145 150		
Met Leu Glu Arg Ile Gln His Ala Val Gln Leu Ala Thr Glu Pro		
155 160 165		
Leu Glu Lys Ala Val Gln Ser Arg Leu Thr Gly Glu Glu Val Asn		
170 175 180		
Ser Cys Val Glu Val Leu Leu Glu Glu Ala Lys Asp Leu Leu Ser		
185 190 195		
Asp Trp Leu Asp Ser Thr Leu Gly Cys Asp Val Thr Asp Asn Ser		
200 205 210		
Ile Phe Ser Lys Leu Pro Lys Phe Trp Glu Gly Asp Phe His Arg		
215 220 225		
Asp Met Glu Ala Leu Asn Val Leu Pro Pro Asp Val Leu Thr Arg		
230 235 240		
Val Ser Glu Tyr Val Pro Glu Ile Val Asn Phe Val Gln Lys Ile		
245 250 255		
Val Asp Asn Gly Tyr Gly Tyr Val Ser Asn Gly Ser Val Tyr Phe		
260 265 270		

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Asp Thr Ala Lys Phe	Ala Ser Ser Glu Lys	His Ser Tyr Gly Lys	
275	280	285	
Leu Val Pro Glu Ala	Val Gly Asp Gln Lys	Ala Leu Gln Glu Gly	
290	295	300	
Glu Gly Asp Leu Ser	Ile Ser Ala Asp Arg	Leu Ser Glu Lys Arg	
305	310	315	
Ser Pro Asn Asp Phe	Ala Leu Trp Lys Ala	Ser Lys Pro Gly Glu	
320	325	330	
Pro Ser Trp Pro Cys	Pro Trp Gly Lys Gly	Arg Pro Gly Trp His	
335	340	345	
Ile Glu Cys Ser Ala	Met Ala Gly Thr Leu	Leu Gly Ala Ser Met	
350	355	360	
Asp Ile His Gly Gly	Gly Phe Asp Leu Arg	Phe Pro His His Asp	
365	370	375	
Asn Glu Leu Ala Gln	Ser Glu Ala Tyr Phe	Glu Asn Asp Cys Trp	
380	385	390	
Val Arg Tyr Phe Leu	His Thr Gly His Leu	Thr Ile Ala Gly Cys	
395	400	405	
Lys Met Ser Lys Ser	Leu Lys Asn Phe Ile	Thr Ile Lys Asp Ala	
410	415	420	
Leu Lys Lys His Ser	Ala Arg Gln Leu Arg	Leu Ala Phe Leu Met	
425	430	435	
His Ser Trp Lys Asp	Thr Leu Asp Tyr Ser	Ser Asn Thr Met Glu	
440	445	450	
Ser Ala Leu Gln Tyr	Glu Lys Phe Leu Asn	Glu Phe Phe Leu Asn	
455	460	465	
Val Lys Asp Ile Leu	Arg Ala Pro Val Asp	Ile Thr Gly Gln Phe	
470	475	480	
Glu Lys Trp Gly Glu	Glu Glu Ala Glu Leu	Asn Lys Asn Phe Tyr	
485	490	495	
Asp Lys Lys Thr Ala	Ile His Lys Ala Leu	Cys Asp Asn Val Asp	
500	505	510	
Thr Arg Thr Val Met	Glu Glu Met Arg Ala	Leu Val Ser Gln Cys	
515	520	525	
Asn Leu Tyr Met Ala	Ala Arg Lys Ala Val	Arg Lys Arg Pro Asn	
530	535	540	
Gln Ala Leu Leu Glu	Asn Ile Ala Leu Tyr	Leu Thr His Met Leu	
545	550	555	
Lys Ile Phe Gly Ala	Val Glu Glu Asp Ser	Ser Leu Gly Phe Pro	
560	565	570	
Val Gly Gly Pro Gly	Thr Ser Leu Ser Leu	Glu Ala Thr Val Met	
575	580	585	
Pro Tyr Leu Gln Val	Leu Ser Glu Phe Arg	Glu Gly Val Arg Lys	
590	595	600	
Ile Ala Arg Glu Gln	Lys Val Pro Glu Ile	Leu Gln Leu Ser Asp	
605	610	615	
Ala Leu Arg Asp Asn	Ile Leu Pro Glu Leu	Gly Val Arg Phe Glu	
620	625	630	
Asp His Glu Gly Leu	Pro Thr Val Val Lys	Leu Val Asp Arg Asn	
635	640	645	
Thr Leu Leu Lys Glu	Arg Glu Glu Lys Arg	Arg Val Glu Glu Glu	
650	655	660	
Lys Arg Lys Lys Lys	Glu Glu Ala Ala Arg	Arg Lys Gln Glu Gln	
665	670	675	
Glu Ala Ala Lys Leu	Ala Lys Met Lys Ile	Pro Pro Ser Glu Met	
680	685	690	
Phe Leu Ser Glu Thr	Asp Lys Tyr Ser Lys	Phe Asp Glu Asn Gly	

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	260		265		270
Ser Leu Ser Ser Asp Arg Gly Arg Thr Thr His Ser Pro Tyr Glu					
	275		280		285
Glu Arg Ser Arg Thr Lys Gly Ser Gly Gln Gln Ser Glu Arg Gly					
	290		295		300
Ser Asp Arg Thr Pro Glu Arg Ser Arg Lys Glu Asn His Ser Ser					
	305		310		315
Glu Gly Thr Lys Glu Ser Ser Ser Asn Ser Leu Ser Asn Ser Arg					
	320		325		330
His Gly Ala Glu Glu Arg Gly His His His His His His Glu Ala					
	335		340		345
Ala Asp Ser Ser His Gly Lys Lys Ala Arg Asp Ser Glu Arg Asn					
	350		355		360
His Arg Thr Thr Glu Ala Glu Pro Lys Pro Leu Glu Glu Pro Lys					
	365		370		375
His Glu Thr Lys Lys Leu Lys Asn Leu Ser Glu Tyr Ala Gln Thr					
	380		385		390
Leu Gln Leu Gly Trp Asn Gly Leu Leu Val Leu Lys Asn Ser Cys					
	395		400		405
Phe Pro Thr Ser Met His Ile Leu Glu Gly Asp Gln Gly Val Ile					
	410		415		420
Ser Ser Leu Leu Lys Asp His Thr Ser Gly Ser Lys Leu Thr Gln					
	425		430		435
Leu Lys Ile Ala Gln Arg Leu Arg Leu Asp Gln Pro Lys Leu Asp					
	440		445		450
Glu Val Thr Arg Arg Ile Lys Gln Gly Ser Pro Asn Gly Tyr Ala					
	455		460		465
Val Leu Leu Ala Thr Gln Ala Thr Pro Ser Gly Leu Gly Thr Glu					
	470		475		480
Gly Met Pro Thr Val Glu Pro Gly Leu Gln Arg Arg Leu Leu Arg					
	485		490		495
Asn Leu Val Ser Tyr Leu Lys Gln Lys Gln Ala Ala Gly Val Ile					
	500		505		510
Ser Leu Pro Val Gly Gly Ser Lys Gly Arg Asp Gly Thr Gly Met					
	515		520		525
Leu Tyr Ala Phe Pro Pro Cys Asp Phe Ser Gln Gln Tyr Leu Gln					
	530		535		540
Ser Ala Leu Arg Thr Leu Gly Lys Leu Glu Glu Glu His Met Val					
	545		550		555
Ile Val Ile Val Arg Asp Thr Ala					
	560				

<210> 15

<211> 153

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 1879135CD1

<400> 15

Met Met Ser Gln Ser Gly His Glu Tyr Asp Pro Ile Asn Tyr Met			
1	5	10	15

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Thr	Asn	Gln	Arg	Ala	Glu	Ile	His	Ala	Ala	Cys	Lys	Ala	Ile	Glu
				185					190					195
Gln	Ala	Lys	Thr	Gln	Asn	Ile	Asn	Lys	Leu	Val	Leu	Tyr	Thr	Asp
				200					205					210
Ser	Met	Phe	Thr	Ile	Asn	Gly	Ile	Thr	Asn	Trp	Val	Gln	Gly	Trp
				215					220					225
Lys	Lys	Asn	Gly	Trp	Lys	Thr	Ser	Ala	Gly	Lys	Glu	Val	Ile	Asn
				230					235					240
Lys	Glu	Asp	Phe	Val	Ala	Leu	Glu	Arg	Leu	Thr	Gln	Gly	Met	Asp
				245					250					255
Ile	Gln	Trp	Met	His	Val	Pro	Gly	His	Ser	Gly	Phe	Ile	Gly	Asn
				260					265					270
Glu	Glu	Ala	Asp	Arg	Leu	Ala	Arg	Glu	Gly	Ala	Lys	Gln	Ser	Glu
				275					280					285

Asp

<210> 17
 <211> 537
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Identification No.: 2129080CD1

<400> 17

Met	Leu	Ala	Arg	Glu	Thr	Tyr	Glu	Glu	Asp	Arg	Glu	Tyr	Glu	Ser
1				5					10					15
Gln	Ala	Lys	Arg	Leu	Lys	Thr	Glu	Glu	Gly	Glu	Ile	Asp	Tyr	Ser
				20					25					30
Ala	Glu	Glu	Gly	Glu	Asn	Arg	Arg	Glu	Ala	Thr	Pro	Arg	Gly	Gly
				35					40					45
Gly	Asp	Gly	Gly	Gly	Gly	Gly	Arg	Ser	Phe	Ser	Gln	Pro	Glu	Ala
				50					55					60
Gly	Gly	Ser	His	His	Lys	Val	Ser	Val	Ser	Pro	Val	Val	His	Val
				65					70					75
Arg	Gly	Leu	Cys	Glu	Ser	Val	Val	Glu	Ala	Asp	Leu	Val	Glu	Ala
				80					85					90
Leu	Glu	Lys	Phe	Gly	Thr	Ile	Cys	Tyr	Val	Met	Met	Met	Pro	Phe
				95					100					105
Lys	Arg	Gln	Ala	Leu	Val	Glu	Phe	Glu	Asn	Ile	Asp	Ser	Ala	Lys
				110					115					120
Glu	Cys	Val	Thr	Phe	Ala	Ala	Asp	Glu	Pro	Val	Tyr	Ile	Ala	Gly
				125					130					135
Gln	Gln	Ala	Phe	Phe	Asn	Tyr	Ser	Thr	Ser	Lys	Arg	Ile	Thr	Arg
				140					145					150
Pro	Gly	Asn	Thr	Asp	Asp	Pro	Ser	Gly	Gly	Asn	Lys	Val	Leu	Leu
				155					160					165
Leu	Ser	Ile	Gln	Asn	Pro	Leu	Tyr	Pro	Ile	Thr	Val	Asp	Val	Leu
				170					175					180
Tyr	Thr	Val	Cys	Asn	Pro	Val	Gly	Lys	Val	Gln	Arg	Ile	Val	Ile
				185					190					195
Phe	Lys	Arg	Asn	Gly	Ile	Gln	Ala	Met	Val	Glu	Phe	Glu	Ser	Val
				200					205					210

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Leu Cys Ala Gln Lys	Ala Lys Ala Ala	Leu Asn Gly Ala Asp	Ile
215		220	225
Tyr Ala Gly Cys Cys	Thr Leu Lys Ile	Glu Tyr Ala Arg Pro	Thr
230		235	240
Arg Leu Asn Val Ile	Arg Asn Asp Asn	Asp Ser Trp Asp Tyr	Thr
245		250	255
Lys Pro Tyr Leu Gly	Arg Arg Asp Arg	Gly Lys Gly Arg Gln	Arg
260		265	270
Gln Ala Ile Leu Gly	Glu His Pro Ser	Ser Phe Arg His Asp	Gly
275		280	285
Tyr Gly Ser His Gly	Pro Leu Leu Pro	Leu Pro Ser Arg Tyr	Arg
290		295	300
Met Gly Ser Arg Asp	Thr Pro Glu Leu	Val Ala Tyr Pro Leu	Pro
305		310	315
Gln Ala Ser Ser Ser	Tyr Met His Gly	Gly Asn Pro Ser Gly	Ser
320		325	330
Val Val Met Val Ser	Gly Leu His Gln	Leu Lys Met Asn Cys	Ser
335		340	345
Arg Val Phe Asn Leu	Phe Cys Leu Tyr	Gly Asn Ile Glu Lys	Val
350		355	360
Lys Phe Met Lys Thr	Ile Pro Gly Thr	Ala Leu Val Glu Met	Gly
365		370	375
Asp Glu Tyr Ala Val	Glu Arg Ala Val	Thr His Leu Asn Asn	Val
380		385	390
Lys Leu Phe Gly Lys	Arg Leu Asn Val	Cys Val Ser Lys Gln	His
395		400	405
Ser Val Val Pro Ser	Gln Ile Phe Glu	Leu Glu Asp Gly Thr	Ser
410		415	420
Ser Tyr Lys Asp Phe	Ala Met Ser Lys	Asn Asn Arg Phe Thr	Ser
425		430	435
Ala Gly Gln Ala Ser	Lys Asn Ile Ile	Gln Pro Pro Ser Cys	Val
440		445	450
Leu His Tyr Tyr Asn	Val Pro Leu Cys	Val Thr Glu Glu Thr	Phe
455		460	465
Thr Lys Leu Cys Asn	Asp His Glu Val	Leu Thr Phe Ile Lys	Tyr
470		475	480
Lys Val Phe Asp Ala	Lys Pro Ser Ala	Lys Thr Leu Ser Gly	Leu
485		490	495
Leu Glu Trp Glu Cys	Lys Thr Asp Ala	Val Glu Ala Leu Thr	Ala
500		505	510
Leu Asn His Tyr Gln	Ile Arg Val Pro	Asn Gly Ser Asn Pro	Tyr
515		520	525
Thr Leu Lys Leu Cys	Phe Ser Thr Ser	Ser His Leu	
530		535	

<210> 18

<211> 163

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 2472867CD1

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<400> 18
Met Arg Ile Glu Lys Cys Tyr Phe Cys Ser Gly Pro Ile Tyr Pro
 1          5          10          15
Gly His Gly Met Met Phe Val Arg Asn Asp Cys Lys Val Phe Arg
          20          25          30
Phe Cys Lys Ser Lys Cys His Lys Asn Phe Lys Lys Lys Arg Asn
          35          40          45
Pro Arg Lys Val Arg Trp Thr Lys Ala Phe Arg Lys Ala Ala Gly
          50          55          60
Lys Glu Leu Thr Val Asp Asn Ser Phe Glu Phe Glu Lys Arg Arg
          65          70          75
Asn Glu Pro Ile Lys Tyr Gln Arg Glu Leu Trp Asn Lys Thr Ile
          80          85          90
Asp Ala Met Lys Arg Val Glu Glu Ile Lys Gln Lys Arg Gln Ala
          95          100          105
Lys Phe Ile Met Asn Arg Leu Lys Lys Asn Lys Glu Leu Gln Lys
          110          115          120
Val Gln Asp Ile Lys Glu Val Lys Gln Asn Ile His Leu Ile Arg
          125          130          135
Ala Pro Leu Ala Gly Lys Gly Lys Gln Leu Glu Glu Lys Met Val
          140          145          150
Gln Gln Leu Gln Glu Asp Val Asp Met Glu Asp Ala Pro
          155          160

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<210> 19
<211> 178
<212> PRT
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte Identification No.: 2764755CD1

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<400> 19
Met Ser Ser Phe Ser Arg Ala Pro Gln Gln Trp Ala Thr Phe Ala
 1          5          10          15
Arg Ile Trp Tyr Leu Leu Asp Gly Lys Met Gln Pro Pro Gly Lys
          20          25          30
Leu Ala Ala Met Ala Ser Ile Arg Leu Gln Gly Leu His Lys Pro
          35          40          45
Val Tyr His Ala Leu Ser Asp Cys Gly Asp His Val Val Ile Met
          50          55          60
Asn Thr Arg His Ile Ala Phe Ser Gly Asn Lys Trp Glu Gln Lys
          65          70          75
Val Tyr Ser Ser His Thr Gly Tyr Pro Gly Gly Phe Arg Gln Val
          80          85          90
Thr Ala Ala Gln Leu His Leu Arg Asp Pro Val Ala Ile Val Lys
          95          100          105
Leu Ala Ile Tyr Gly Met Leu Pro Lys Asn Leu His Arg Arg Thr
          110          115          120
Met Met Glu Arg Leu His Leu Phe Pro Asp Glu Tyr Ile Pro Glu
          125          130          135
Asp Ile Leu Lys Asn Leu Val Glu Glu Leu Pro Gln Pro Arg Lys
          140          145          150

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Ile Pro Lys Arg Leu Asp Glu Tyr Thr Gln Glu Glu Ile Asp Ala
 155 160 165
 Phe Pro Arg Leu Trp Thr Pro Pro Glu Asp Tyr Arg Leu
 170 175

<210> 20
 <211> 140
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Identification No.: 2875939CD1

<400> 20
 Met Ala Glu Asn Arg Glu Pro Arg Gly Ala Val Glu Ala Glu Leu
 1 5 10 15
 Asp Pro Val Glu Tyr Thr Leu Arg Lys Arg Leu Pro Ser Arg Leu
 20 25 30
 Pro Arg Arg Pro Asn Asp Ile Tyr Val Asn Met Lys Thr Asp Phe
 35 40 45
 Lys Ala Gln Leu Ala Arg Cys Gln Lys Leu Leu Asp Gly Gly Ala
 50 55 60
 Arg Gly Gln Asn Ala Cys Ser Glu Ile Tyr Ile His Gly Leu Gly
 65 70 75
 Leu Ala Ile Asn Arg Ala Ile Asn Ile Ala Leu Gln Leu Gln Ala
 80 85 90
 Gly Ser Phe Gly Ser Leu Gln Val Ala Ala Asn Thr Ser Thr Val
 95 100 105
 Glu Leu Val Asp Glu Leu Glu Pro Glu Thr Asp Thr Arg Glu Pro
 110 115 120
 Leu Thr Arg Ile Arg Asn Asn Ser Ala Ile His Ile Arg Val Phe
 125 130 135
 Arg Val Thr Pro Lys
 140

<210> 21
 <211> 209
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Identification No.: 3591363CD1

<400> 21
 Met Ala Ala Ala Met Ala Ala Ser Ser Leu Thr Val Thr Leu Gly
 1 5 10 15
 Arg Leu Ala Ser Ala Cys Ser His Ser Ile Leu Arg Pro Ser Gly
 20 25 30
 Pro Gly Ala Ala Ser Leu Trp Ser Ala Ser Arg Arg Phe Asn Ser

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35	40	45
Gln Ser Thr Ser Tyr Leu Pro Gly Tyr Val Pro Lys Thr Ser Leu		
50	55	60
Ser Ser Pro Pro Trp Pro Glu Val Val Leu Pro Asp Pro Val Glu		
65	70	75
Glu Thr Arg His His Ala Glu Val Val Lys Lys Val Asn Glu Met		
80	85	90
Ile Val Thr Gly Gln Tyr Gly Arg Leu Phe Ala Val Val His Phe		
95	100	105
Ala Ser Arg Gln Trp Lys Val Thr Ser Glu Asp Leu Ile Leu Ile		
110	115	120
Gly Asn Glu Leu Asp Leu Ala Cys Gly Glu Arg Ile Arg Leu Glu		
125	130	135
Lys Val Leu Leu Val Gly Ala Asp Asn Phe Thr Leu Leu Gly Lys		
140	145	150
Pro Leu Leu Gly Lys Asp Leu Val Arg Val Glu Ala Thr Val Ile		
155	160	165
Glu Lys Thr Glu Ser Trp Pro Arg Ile Ile Met Arg Phe Arg Lys		
170	175	180
Arg Lys Asn Phe Lys Lys Lys Arg Ile Val Thr Thr Pro Gln Thr		
185	190	195
Val Leu Arg Ile Asn Ser Ile Glu Ile Ala Pro Cys Leu Leu		
200	205	

<210> 22

<211> 162

<212> PRT

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 3702292CD1

<400> 22

Met Ala Pro Lys Ala Lys Glu Ala Pro Ala His Pro Lys Ala Glu		
1	5	10
Ala Lys Ala Lys Ala Leu Lys Ala Lys Lys Ala Val Leu Lys Gly		
20	25	30
Val Arg Ser His Thr Gln Lys Gln Lys Ile Arg Met Ser Leu Thr		
35	40	45
Phe Arg Arg Pro Lys Thr Leu Arg Leu Arg Arg Gln Pro Arg Tyr		
50	55	60
Pro Arg Lys Ser Thr Pro Arg Arg Asn Lys Leu Gly His Tyr Ala		
65	70	75
Ile Ile Lys Phe Pro Leu Ala Thr Glu Ser Ala Val Lys Lys Ile		
80	85	90
Glu Glu Asn Asn Thr Leu Val Phe Thr Val Asp Val Lys Ala Asn		
95	100	105
Lys His Gln Ile Arg Gln Ala Val Lys Lys Leu Tyr Asp Ser Asp		
110	115	120
Val Ala Lys Val Thr Thr Leu Ile Cys Pro Asp Lys Glu Asn Lys		
125	130	135
Ala Tyr Val Arg Leu Ala Pro Asp Tyr Asp Ala Phe Asp Val Val		
140	145	150

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Thr Lys Leu Gly Ser Pro Lys Leu Ser Pro Ala Gly
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<210> 23
 <211> 623
 <212> PRT
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte Identification No.: 3778908CD1

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 35 40 45
 Ile Tyr Val Ala Gly Leu Val Ala His Ser Asp Leu Asp Glu Arg
 50 55 60
 Ala Ile Glu Ala Leu Lys Glu Phe Asn Glu Asp Gly Ala Leu Ala
 65 70 75
 Val Leu Gln Gln Phe Lys Asp Ser Asp Leu Ser His Val Gln Asn
 80 85 90
 Lys Ser Ala Phe Leu Cys Gly Val Met Lys Thr Tyr Arg Gln Arg
 95 100 105
 Glu Lys Gln Gly Thr Lys Val Ala Asp Ser Ser Lys Gly Pro Asp
 110 115 120
 Glu Ala Lys Ile Lys Ala Leu Leu Glu Arg Thr Gly Tyr Thr Leu
 125 130 135
 Asp Val Thr Thr Gly Gln Arg Lys Tyr Gly Gly Pro Pro Pro Asp
 140 145 150
 Ser Val Tyr Ser Gly Gln Gln Pro Ser Val Gly Thr Glu Ile Phe
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 Val Gly Lys Ile Pro Arg Asp Leu Phe Glu Asp Glu Leu Val Pro
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 Leu Phe Glu Lys Ala Gly Pro Ile Trp Asp Leu Arg Leu Met Met
 185 190 195
 Asp Pro Leu Thr Gly Leu Asn Arg Gly Tyr Ala Phe Val Thr Phe
 200 205 210
 Cys Thr Lys Glu Ala Ala Gln Glu Ala Val Lys Leu Tyr Asn Asn
 215 220 225
 His Glu Ile Arg Ser Gly Lys His Ile Gly Val Cys Ile Ser Val
 230 235 240
 Ala Asn Asn Arg Leu Phe Val Gly Ser Ile Pro Lys Ser Lys Thr
 245 250 255
 Lys Glu Gln Ile Leu Glu Glu Phe Ser Lys Val Thr Glu Gly Leu
 260 265 270
 Thr Asp Val Ile Leu Tyr His Gln Pro Asp Asp Lys Lys Lys Asn
 275 280 285
 Arg Gly Phe Cys Phe Leu Glu Tyr Glu Asp His Lys Thr Ala Ala
 290 295 300
 Gln Ala Arg Arg Arg Leu Met Ser Gly Lys Val Lys Val Trp Gly

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Asn Val Gly Thr	305	310	315
Val Glu Trp Ala Asp	320	325	330
Pro Glu Val Met	335	340	345
Ala Asn Thr Val	350	355	360
Phe Gly Lys Leu	365	370	375
Ile His Phe Asp	380	385	390
Met Asn Gly Lys	395	400	405
Ala Lys Pro Pro	410	415	420
Gln Ala Ala Lys	425	430	435
Pro Pro His Met	440	445	450
Arg Gly Gly Tyr	455	460	465
Tyr Tyr Asp Tyr	470	475	480
Tyr Glu Asp Pro	485	490	495
Arg Gly Arg Gly	500	505	510
Gly Arg Gly Ala	515	520	525
Arg Gly Gly Pro	530	535	540
Gly Ala Gln Gln	545	550	555
Gly Arg Gly Gly	560	565	570
Asn Gln Pro Asp	575	580	585
Gly Ser Gln Pro	590	595	600
Ser Gly Asn Tyr	605	610	615
Asp Thr Phe Gly	620		

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<211> 786

<212> PRT

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Identification No.: 4163642CD1

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Arg	Gln	Ala	Gly	His	Arg	Ala	Ala	Ile	Cys	Ser	Ala	Leu	Arg	Pro	20	25	30	
His	Phe	Gly	Pro	Phe	Pro	Gly	Val	Leu	Gly	Gln	Val	Ser	Val	Leu	35	40	45	
Ala	Thr	Ala	Ser	Ser	Ser	Ala	Ser	Gly	Gly	Ser	Lys	Ile	Pro	Asn	50	55	60	
Thr	Ser	Leu	Phe	Val	Pro	Leu	Thr	Val	Lys	Pro	Gln	Gly	Pro	Ser	65	70	75	
Ala	Asp	Gly	Asp	Val	Gly	Ala	Glu	Leu	Thr	Arg	Pro	Leu	Asp	Lys	80	85	90	
Asn	Glu	Val	Lys	Lys	Val	Leu	Asp	Lys	Phe	Tyr	Lys	Arg	Lys	Glu	95	100	105	
Ile	Gln	Lys	Leu	Gly	Ala	Asp	Tyr	Gly	Leu	Asp	Ala	Arg	Leu	Phe	110	115	120	
His	Gln	Ala	Phe	Ile	Ser	Phe	Arg	Asn	Tyr	Ile	Met	Gln	Ser	His	125	130	135	
Ser	Leu	Asp	Val	Asp	Ile	His	Ile	Val	Leu	Asn	Asp	Ile	Cys	Phe	140	145	150	
Gly	Ala	Ala	His	Ala	Asp	Asp	Leu	Phe	Pro	Phe	Phe	Leu	Arg	His	155	160	165	
Ala	Lys	Gln	Ile	Phe	Pro	Val	Leu	Asp	Cys	Lys	Asp	Asp	Leu	Arg	170	175	180	
Lys	Ile	Ser	Asp	Leu	Arg	Ile	Pro	Pro	Asn	Trp	Tyr	Pro	Asp	Ala	185	190	195	
Arg	Ala	Met	Gln	Arg	Lys	Ile	Ile	Phe	His	Ser	Gly	Pro	Thr	Asn	200	205	210	
Ser	Gly	Lys	Thr	Tyr	His	Ala	Ile	Gln	Lys	Tyr	Phe	Ser	Ala	Lys	215	220	225	
Ser	Gly	Val	Tyr	Cys	Gly	Pro	Leu	Lys	Leu	Leu	Ala	His	Glu	Ile	230	235	240	
Phe	Glu	Lys	Ser	Asn	Ala	Ala	Gly	Val	Pro	Cys	Asp	Leu	Val	Thr	245	250	255	
Gly	Glu	Glu	Arg	Val	Thr	Val	Gln	Pro	Asn	Gly	Lys	Gln	Ala	Ser	260	265	270	
His	Val	Ser	Cys	Thr	Val	Glu	Met	Cys	Ser	Val	Thr	Thr	Pro	Tyr	275	280	285	
Glu	Val	Ala	Val	Ile	Asp	Glu	Ile	Gln	Met	Ile	Arg	Asp	Pro	Ala	290	295	300	
Arg	Gly	Trp	Ala	Trp	Thr	Arg	Ala	Leu	Leu	Gly	Leu	Cys	Ala	Glu	305	310	315	
Glu	Val	His	Leu	Cys	Gly	Glu	Pro	Ala	Ala	Ile	Asp	Leu	Val	Met	320	325	330	
Glu	Leu	Met	Tyr	Thr	Thr	Gly	Glu	Glu	Val	Glu	Val	Arg	Asp	Tyr	335	340	345	
Lys	Arg	Leu	Thr	Pro	Ile	Ser	Val	Leu	Asp	His	Ala	Leu	Glu	Ser	350	355	360	
Leu	Asp	Asn	Leu	Arg	Pro	Gly	Asp	Cys	Ile	Val	Cys	Phe	Ser	Lys	365	370	375	
Asn	Asp	Ile	Tyr	Ser	Val	Ser	Arg	Gln	Ile	Glu	Ile	Arg	Gly	Leu	380	385	390	
Glu	Ser	Ala	Val	Ile	Tyr	Gly	Ser	Leu	Pro	Pro	Gly	Thr	Lys	Leu	395	400	405	
Ala	Gln	Ala	Lys	Lys	Phe	Asn	Asp	Pro	Asn	Asp	Pro	Cys	Lys	Ile	410	415	420	
Leu	Val	Ala	Thr	Asp	Ala	Ile	Gly	Met	Gly	Leu	Asn	Leu	Ser	Ile				

				425					430					435
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Lys	Gly	Glu	Arg	Glu	Leu	Glu	Pro	Ile	Thr	Thr	Ser	Gln	Ala	Leu
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Gln	Ile	Ala	Gly	Arg	Ala	Gly	Arg	Phe	Ser	Ser	Arg	Phe	Lys	Glu
				470					475					480
Gly	Glu	Val	Thr	Thr	Met	Asn	His	Glu	Asp	Leu	Ser	Leu	Leu	Lys
				485					490					495
Glu	Ile	Leu	Lys	Arg	Pro	Val	Asp	Pro	Ile	Arg	Ala	Ala	Gly	Leu
				500					505					510
His	Pro	Thr	Ala	Glu	Gln	Ile	Glu	Met	Phe	Ala	Tyr	His	Leu	Pro
				515					520					525
Asp	Ala	Thr	Leu	Ser	Asn	Leu	Ile	Asp	Ile	Phe	Val	Asp	Phe	Ser
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Gln	Val	Asp	Gly	Gln	Tyr	Phe	Val	Cys	Asn	Met	Asp	Asp	Phe	Lys
				545					550					555
Phe	Ser	Ala	Glu	Leu	Ile	Gln	His	Ile	Pro	Leu	Ser	Leu	Arg	Val
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Arg	Tyr	Val	Phe	Cys	Thr	Ala	Pro	Ile	Asn	Lys	Lys	Gln	Pro	Phe
				575					580					585
Val	Cys	Ser	Ser	Leu	Leu	Gln	Phe	Ala	Arg	Gln	Tyr	Ser	Arg	Asn
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Glu	Pro	Leu	Thr	Phe	Ala	Trp	Leu	Arg	Arg	Tyr	Ile	Lys	Trp	Pro
				605					610					615
Leu	Leu	Pro	Pro	Lys	Asn	Ile	Lys	Asp	Leu	Met	Asp	Leu	Glu	Ala
				620					625					630
Val	His	Asp	Val	Leu	Asp	Leu	Tyr	Leu	Trp	Leu	Ser	Tyr	Arg	Phe
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Met	Asp	Met	Phe	Pro	Asp	Ala	Ser	Leu	Ile	Arg	Asp	Leu	Gln	Lys
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Glu	Leu	Asp	Gly	Ile	Ile	Gln	Asp	Gly	Val	His	Asn	Ile	Thr	Lys
				665					670					675
Leu	Ile	Lys	Met	Ser	Glu	Thr	His	Lys	Leu	Leu	Asn	Leu	Glu	Gly
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Phe	Pro	Ser	Gly	Ser	Gln	Ser	Arg	Leu	Ser	Gly	Thr	Leu	Lys	Ser
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Gln	Ala	Arg	Arg	Thr	Arg	Gly	Thr	Lys	Ala	Leu	Gly	Ser	Lys	Ala
				710					715					720
Thr	Glu	Pro	Pro	Ser	Pro	Asp	Ala	Gly	Glu	Leu	Ser	Leu	Ala	Ser
				725					730					735
Arg	Leu	Val	Gln	Gln	Gly	Leu	Leu	Thr	Pro	Asp	Met	Leu	Lys	Gln
				740					745					750
Leu	Glu	Lys	Glu	Trp	Met	Thr	Gln	Gln	Thr	Glu	His	Asn	Lys	Glu
				755					760					765
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Lys	Glu													

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<212> PRT
<213> Homo sapiens
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WO 00/11171

PCT/US99/19361

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<223> Incyte Identification No.: 4906154CD1

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Thr Lys Leu Gly Arg Leu Val Lys Asp Met Lys Ile Lys Ser Leu
          35          40          45
Glu Glu Ile Tyr Leu Phe Ser Leu Pro Ile Lys Glu Ser Glu Ile
          50          55          60
Ile Asp Phe Phe Leu Gly Ala Ser Leu Lys Asp Glu Val Leu Lys
          65          70          75
Ile Met Pro Val Gln Lys Gln Thr Arg Ala Gly Gln Arg Thr Arg
          80          85          90
Phe Lys Ala Phe Val Ala Ile Gly Asp Tyr Asn Gly His Val Gly
          95          100          105
Leu Gly Val Lys Cys Ser Lys Glu Val Ala Thr Ala Ile Arg Gly
          110          115          120
Ala Ile Ile Leu Ala Lys Leu Ser Ile Val Pro Val Arg Arg Gly
          125          130          135
Tyr Trp Gly Asn Lys Ile Gly Lys Pro His Thr Val Pro Cys Lys
          140          145          150
Val Thr Gly Arg Cys Gly Ser Val Leu Val Arg Leu Ile Pro Ala
          155          160          165
Pro Arg Gly Thr Gly Ile Val Ser Ala Pro Val Pro Lys Lys Leu
          170          175          180
Leu Met Met Ala Gly Ile Asp Asp Cys Tyr Thr Ser Ala Arg Gly
          185          190          195
Cys Thr Ala Thr Leu Gly Asn Phe Ala Lys Ala Thr Phe Asp Ala
          200          205          210
Ile Ser Lys Thr Tyr Ser Tyr Leu Thr Pro Asp Leu Trp Lys Glu
          215          220          225
Thr Val Phe Thr Lys Ser Pro Tyr Gln Glu Phe Thr Asp His Leu
          230          235          240
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Ala Val Ala Thr Thr
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<211> 1872

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte Identification No.: 399781CB1

<400> 26

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<211> 3834

<212> DNA

<213> Homo sapiens

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<223> Incyte Identification No.: 1806542CB1

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WO 00/11171

PCT/US99/19361

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<210> 28

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<212> DNA

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WO 00/11171

PCT/US99/19361

<221> misc_feature

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<400> 28

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<211> 1503

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<213> Homo sapiens

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<221> misc_feature

<223> Incyte Identification No.: 2738270CB1

<400> 29

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<211> 2548

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte Identification No.: 2824412CB1

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<212> DNA

<213> Homo sapiens

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<223> Incyte Identification No.: 002690CB1

<400> 31

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<211> 1457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 041108CB1

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PCT/US99/19361

<400> 32

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<211> 1357

<212> DNA

<213> Homo sapiens

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<211> 1703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 1444908CB1

<400> 36

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<210> 37

<211> 2536

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 1557481CB1

<400> 37

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atcttgagaa gagtggtgaa ggattacttc aaatttgatg tcttttattg catgaacatt 360
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<210> 38

<211> 1350

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Identification No.: 1747456CB1

<400> 38

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<210> 39

<211> 2190

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 1748626CB1

<400> 39

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<210> 40

<211> 680

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte Identification No.: 1879135CB1

<400> 40

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<210> 41

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte Identification No.: 2073417CB1

<400> 41

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<211> 2545

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte Identification No.: 2129080CB1

<400> 42

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<210> 43
 <211> 907
 <212> DNA
 <213> Homo sapiens

<220>
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 <212> DNA
 <213> Homo sapiens

<220>
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 <223> Incyte Identification No.: 2764755CB1

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aaatagacgc cttcccaaga ttgtggactc cacctgaaga ttatcggcta taagagaata 840

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<223> Incyte Identification No.: 2875939CB1

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<221> misc_feature

<223> Incyte Identification No.: 3591363CB1

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<213> Homo sapiens

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